

FEE TRANSMITTAL

Electronic Version v09

Stylesheet Version v08.0

**Title of
Invention**

System and Method to Interpret Distributed Temperature Sensor Data and to Determine a Flow Rate in a Well

Application Number :

Date :

First Named Applicant: Jeffrey A. Tarvin

Attorney Docket Number: 101.0166

TOTAL FEE AUTHORIZED \$ 2914

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

BASIC FILING FEE

| Fee Description | Fee Code | Amount \$ | Fee Paid \$ |
|--|----------|-----------|-------------|
| Utility Filing Fee | 1001 | 790 | 790 |
| Subtotal For Basic Filing Fees: \$ 790 | | | |

EXTRA CLAIM FEES

| Fee Description | Extra Claim | Fee Code | Amount \$ | Fee Paid \$ |
|---|-------------|----------|-----------|-------------|
| Total Claims : 94 | 74 | 1202 | 18 | 1332 |
| Independent Claims : 12 | 9 | 1201 | 88 | 792 |
| Subtotal For Extra Claims Fees: \$ 2124 | | | | |

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 500457

Access Code ****

Deposit name: Schlumberger Technology Corporation

Deposit authorized name: Jaime A. Castano

Signature: /Jaime A. Castano/

Date (YYYYMMDD): 2004-10-13

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.